

Claims

1. Safety locking mechanism (1) for a receptacle (4) in a vehicle, the receptacle (4) being movable back and forth between an opened and a closed position, and the safety locking mechanism (1) comprising a mass (11), which is movably guided by a guide means (15, 16) from a basic position into a deflected position, wherein the mass (11) holds the receptacle (4) closed when the mass (11) is moved into the deflected position, and having a device (12) which holds the mass (11) in the basic position when no acceleration or deceleration acts in the deflection direction on the mass (11), characterised in that the safety locking mechanism (1) comprises an engaging device (12), which holds the mass (11) in the deflected position, and a restoring device (13), effective by applying an overpressure to the receptacle (4), which directs the mass (11) into the basic position.
2. Safety locking mechanism according to claim 1, characterised in that a damping element (23) acts against the application of an overpressure to the receptacle (4).
3. Safety locking mechanism according to claim 2, characterised in that the characteristic of the damping element (23) is such that as speed increases a superproportionate damping force occurs.
4. Safety locking mechanism according to claim 1, characterised in that the mass (11) is deflectable in two opposing directions, is held in each deflected position by the engaging device (12), holds the receptacle (4) closed in each deflected position and is directed by the restoring device (13) into the basic position when an overpressure is applied to the receptacle (4).

5. Safety locking mechanism according to claim 1, characterised in that the safety locking mechanism (1) comprises a second restoring device (14) effective by movement of the receptacle (4) from the open into the closed position.